



N. 64360

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)

Applicant: Sato et al.)

Serial No. 09/581,468)

Confirmation No.: 9963)

Filed: June 12, 2000)

For: MAGNETIC SENSOR, MAGNETIC
HEAD, MAGNETIC ENCODER AND
HARD DISK DEVICE)

Art Unit: 2653)

Examiner: Blouin, Mark S.)

) I hereby certify that this paper is being deposited with the
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) date.

) January 17, 2006

) Date

) F-CLASS.WCM
) Appr. February 20, 1998

Registration No. 47,954

Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage;
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements); or
- (c) before the mailing of a first Office Action after the filing of a Request for Continued Examination.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. A copy of the official Communication from the Korean Patent Office is also enclosed. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Customer No. 24978

January 17, 2006

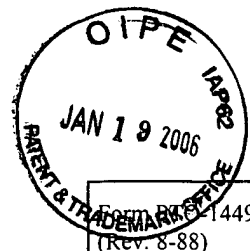
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Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

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Form PTO-1449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: 1111.64360	Serial No.: 09/581,468
		Applicant: Sato et al.	
		Filing Date: June 12, 2000	Group: 2653

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	09288807 A	Nov. 4, 1997	Japan			X	
	07073419 A	Mar. 17, 1995	Japan			X	
	08185612 A	July 16, 1996	Japan			X	
	09245318 A	Sept. 19, 1997	Japan			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.